

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132305.D
 Acq On : 02 Feb 2023 22:20
 Operator : CG\JU
 Sample : 01360-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

Quant Time: Feb 03 00:26:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

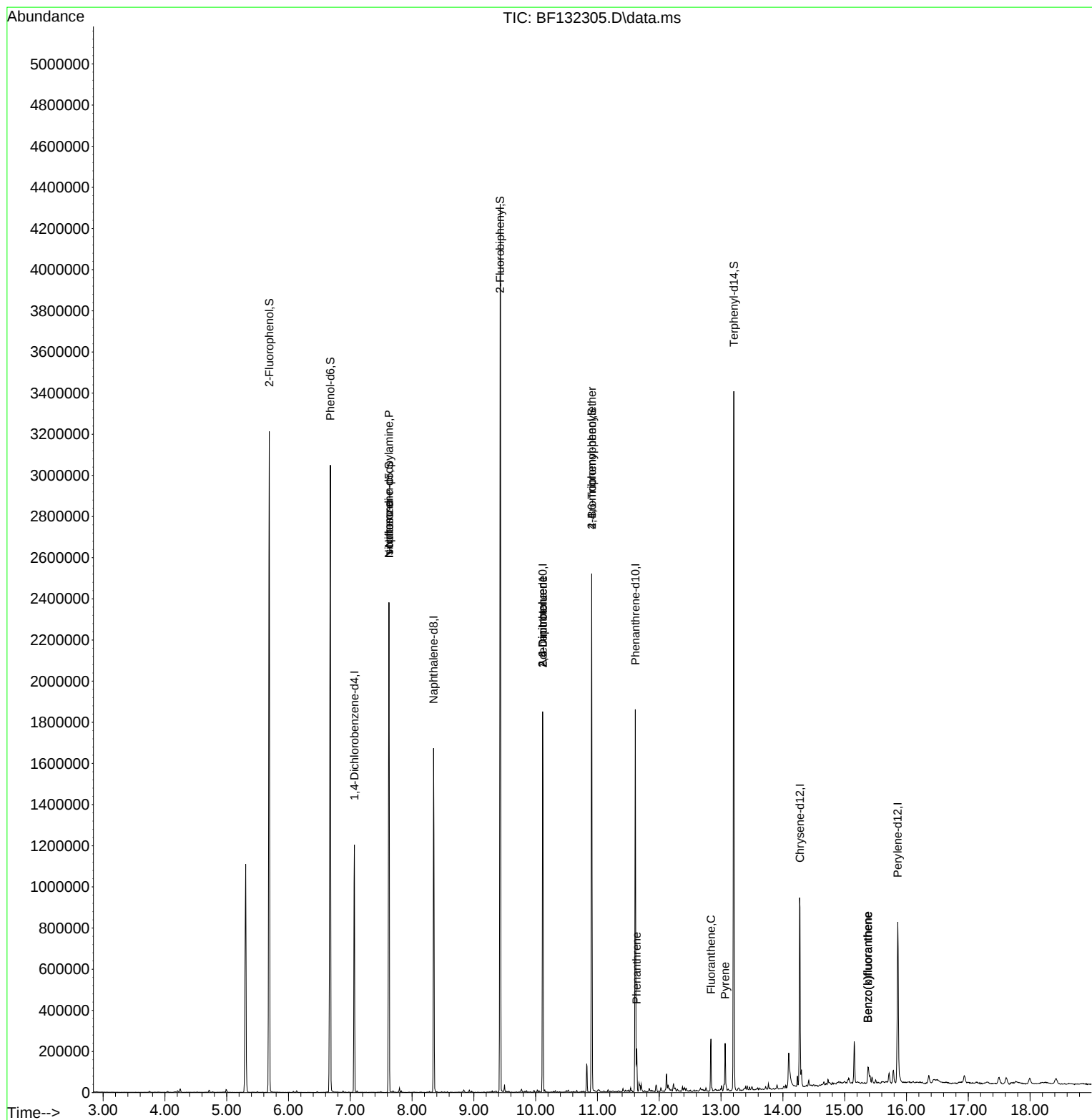
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	184733	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	719330	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	364540	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	626183	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	302037	20.000	ng	-0.01
86) Perylene-d12	15.860	264	360328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1067904	92.920	ng	0.00
7) Phenol-d6	6.678	99	1303234	91.979	ng	0.00
23) Nitrobenzene-d5	7.625	82	791233	61.210	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	298287	79.569	ng	-0.01
45) 2-Fluorobiphenyl	9.425	172	1350223	57.198	ng	-0.01
79) Terphenyl-d14	13.207	244	1146554	73.432	ng	0.00
Target Compounds						
9) Benzaldehyde	6.613	77	206	Below Cal		Qvalue 95
19) n-Nitroso-di-n-propyla...	7.625	70	97494	12.114 ng	#	76
25) Isophorone	7.625	82	791222	32.249 ng	#	64
51) 2,6-Dinitrotoluene	10.113	165	47105	8.271 ng	#	24
57) 2,4-Dinitrotoluene	10.113	165	47105	6.367 ng	#	23
67) 4-Bromophenyl-phenylether	10.907	248	18016	2.810 ng	#	1
71) Phenanthrene	11.636	178	67210	2.054 ng		97
75) Fluoranthene	12.836	202	92773	2.778 ng		98
78) Pyrene	13.066	202	80841	3.328 ng		97
88) Benzo(b)fluoranthene	15.377	252	61602	2.690 ng	#	97
89) Benzo(k)fluoranthene	15.377	252	61602	2.818 ng	#	96

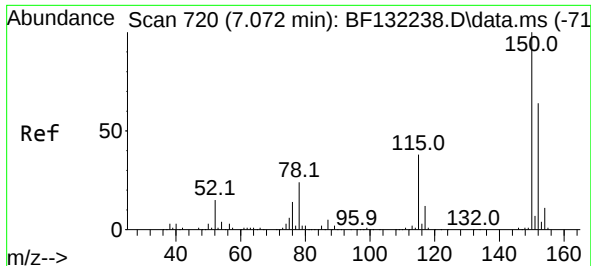
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132305.D
Acq On : 02 Feb 2023 22:20
Operator : CG\JU
Sample : 01360-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Quant Time: Feb 03 00:26:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

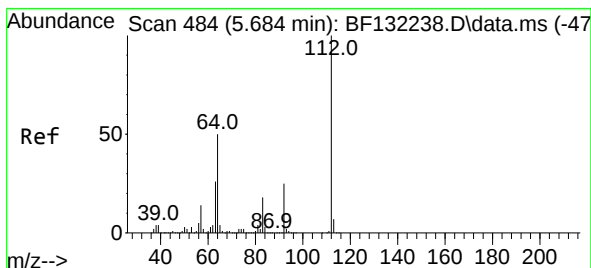
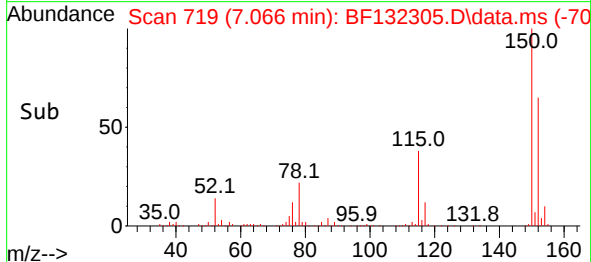
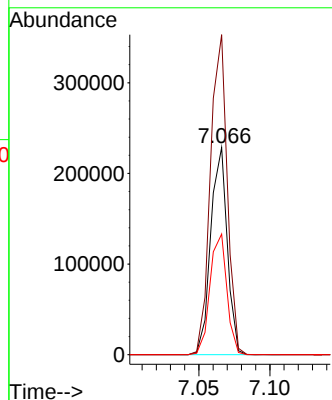
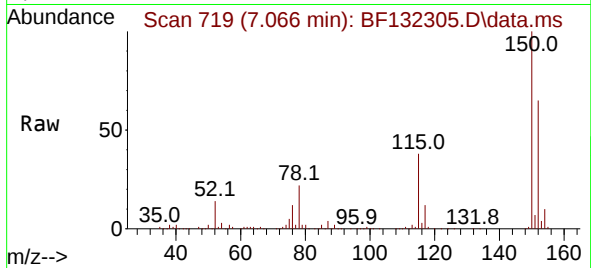




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132305.D
 Acq: 02 Feb 2023 22:20

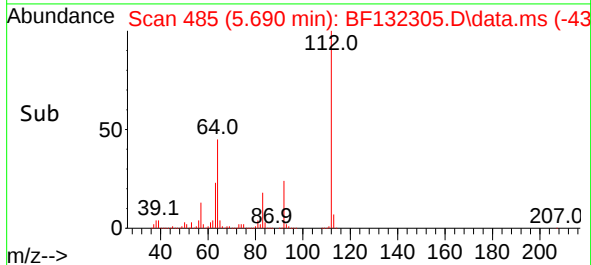
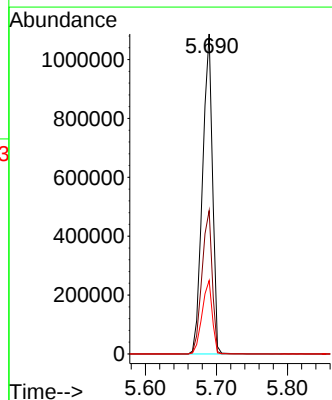
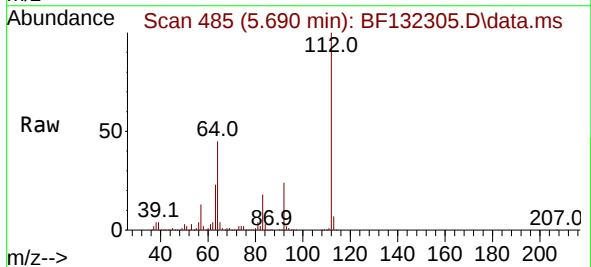
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

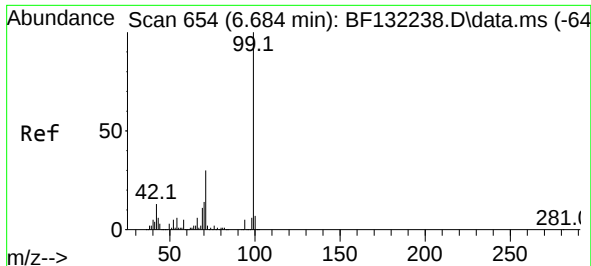
Tgt Ion:152 Resp: 184733
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 58.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 92.920 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132305.D
 Acq: 02 Feb 2023 22:20

Tgt Ion:112 Resp: 1067904
 Ion Ratio Lower Upper
 112 100
 64 44.8 40.0 60.0
 63 23.0 20.5 30.7



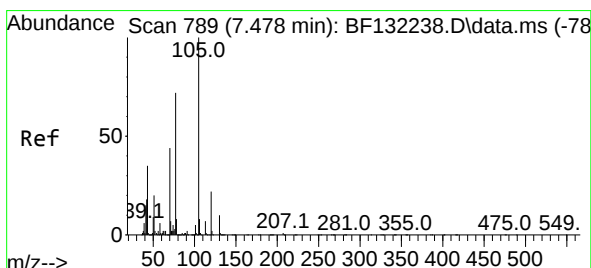
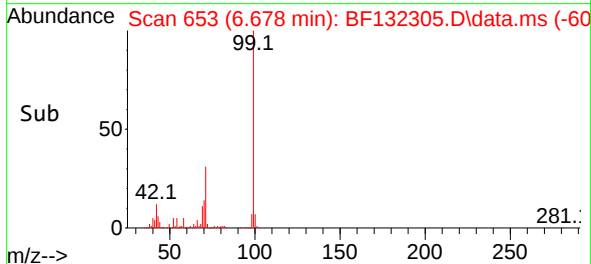
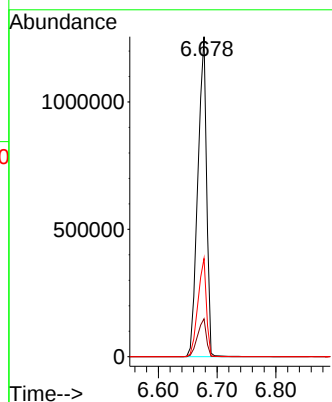
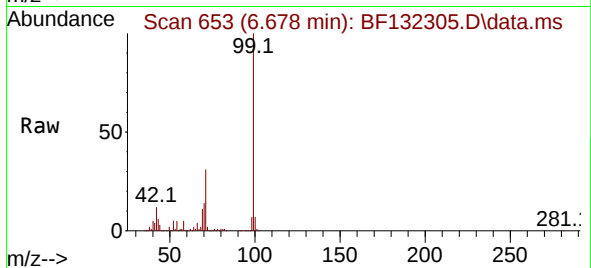


#7
Phenol-d6
Concen: 91.979 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Tgt Ion: 99 Resp: 1303234

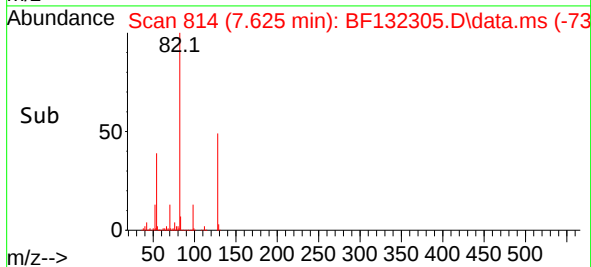
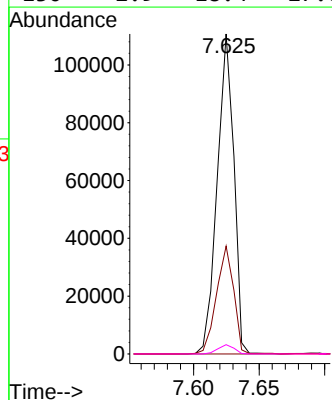
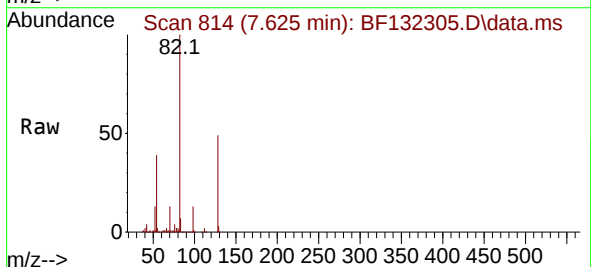
Ion	Ratio	Lower	Upper
99	100		
42	11.9	10.1	15.1
71	30.7	24.2	36.4

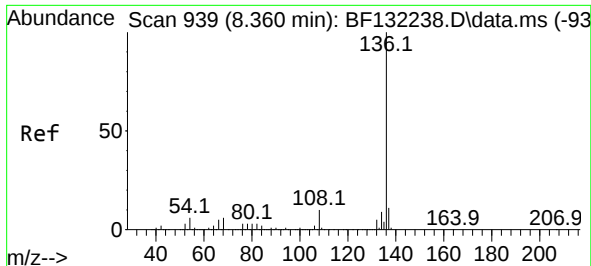


#19
n-Nitroso-di-n-propylamine
Concen: 12.114 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.147 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 70 Resp: 97494

Ion	Ratio	Lower	Upper
70	100		
42	33.7	33.4	50.0
101	0.0	8.2	12.4#
130	2.9	18.4	27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.348 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

Tgt Ion:136 Resp: 719330

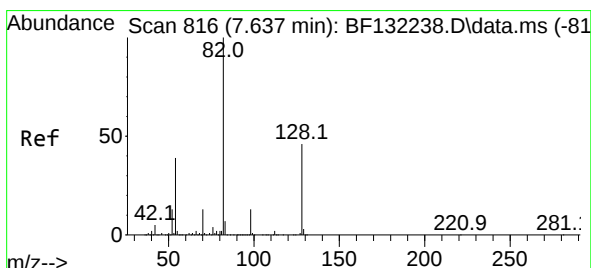
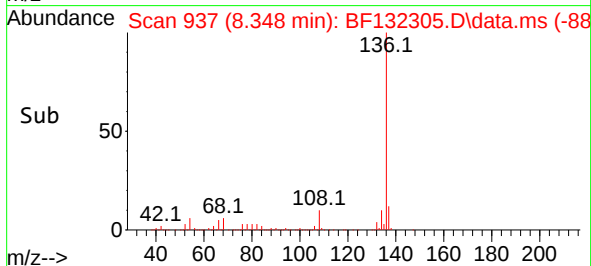
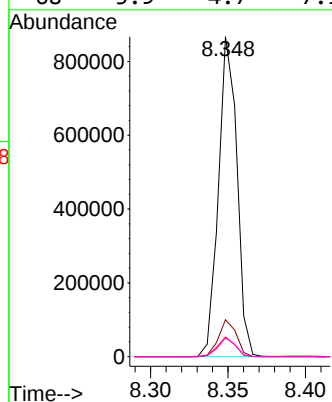
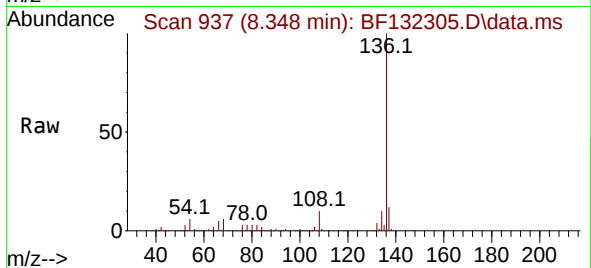
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.1 4.9 7.3

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 61.210 ng

RT: 7.625 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

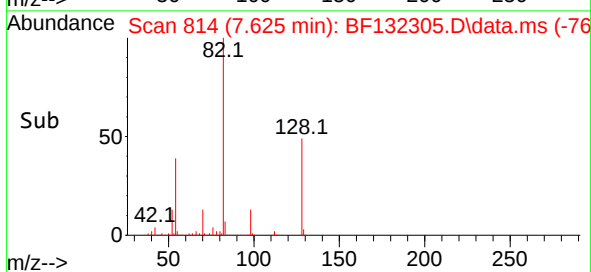
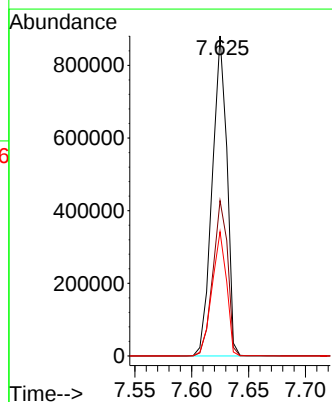
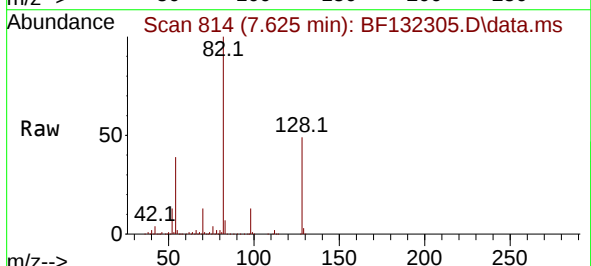
Tgt Ion: 82 Resp: 791233

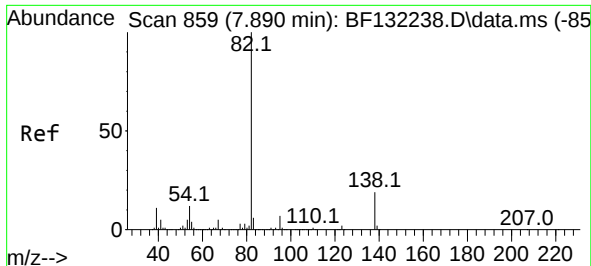
Ion Ratio Lower Upper

82 100

128 48.6 37.0 55.4

54 38.9 31.5 47.3

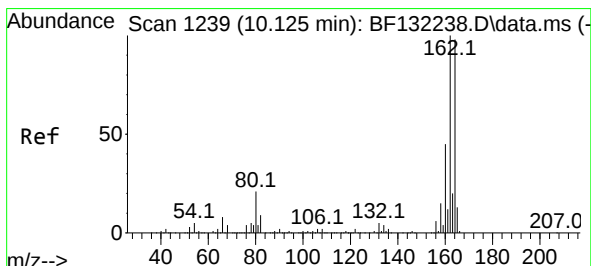
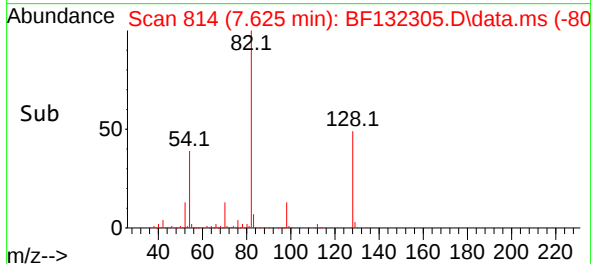
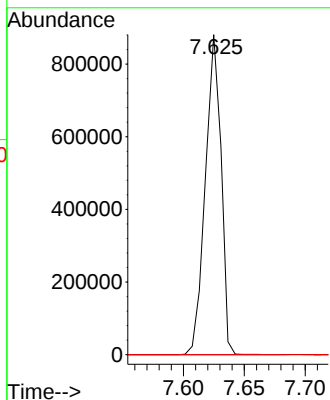
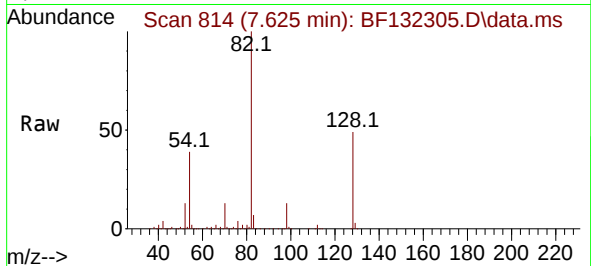




#25
Isophorone
Concen: 32.249 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

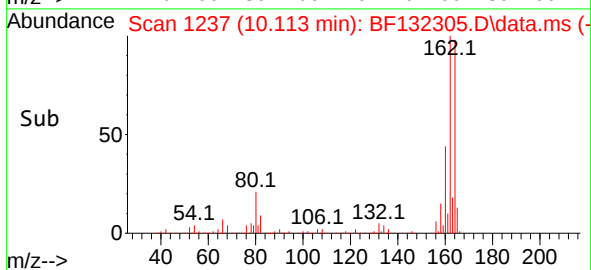
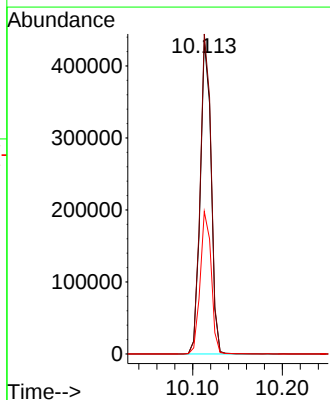
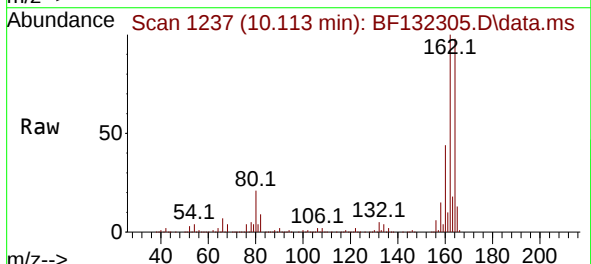
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

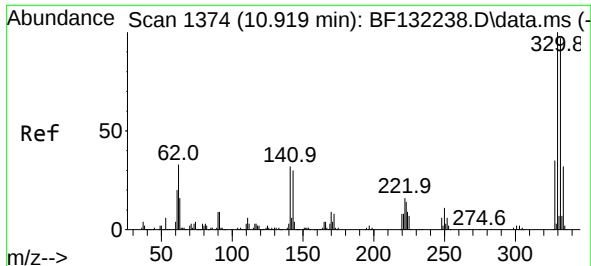
Tgt Ion: 82 Resp: 791222
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 164 Resp: 364540
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 45.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 79.569 ng

RT: 10.907 min Scan# 1120

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

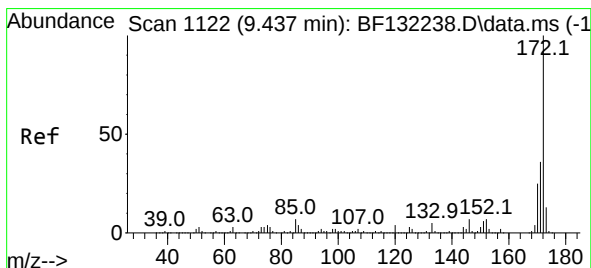
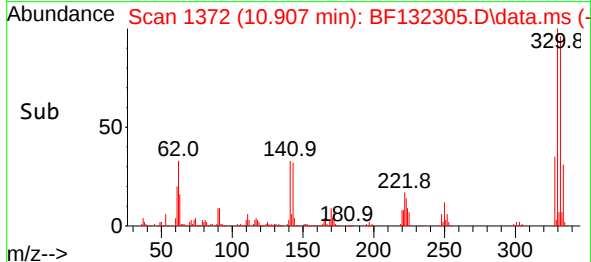
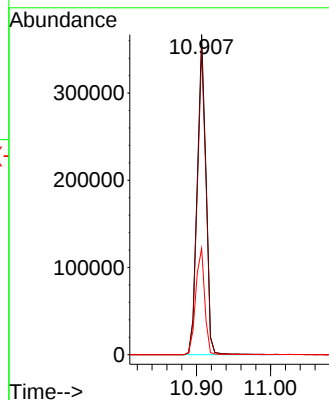
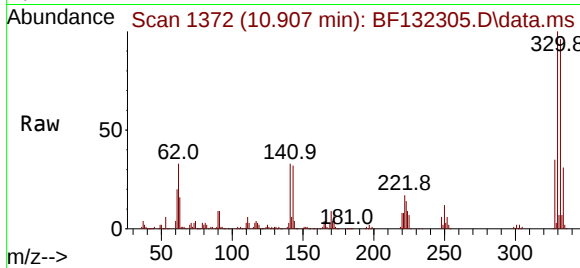
Tgt Ion:330 Resp: 298287

Ion Ratio Lower Upper

330 100

332 95.7 77.9 116.9

141 34.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 57.198 ng

RT: 9.425 min Scan# 1120

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

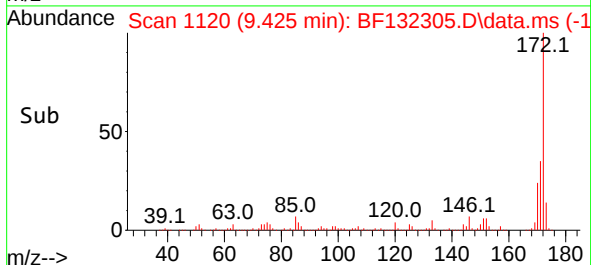
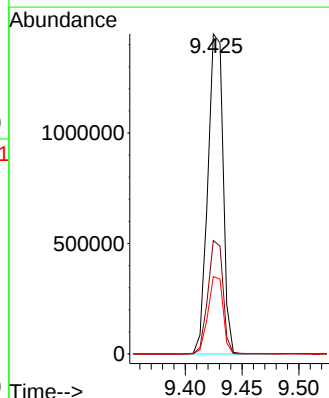
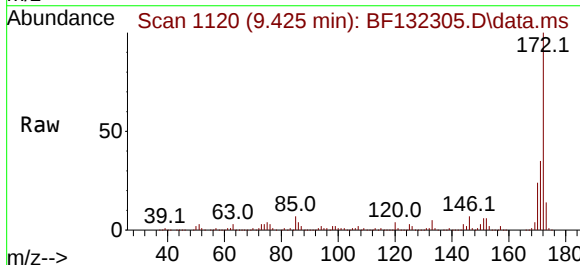
Tgt Ion:172 Resp: 1350223

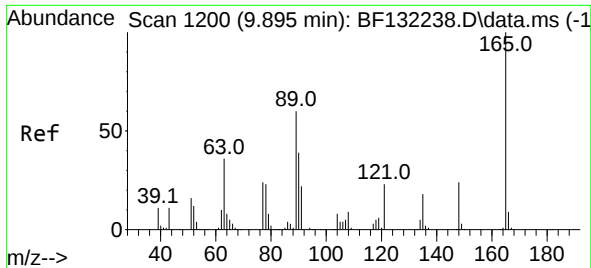
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.2 19.7 29.5

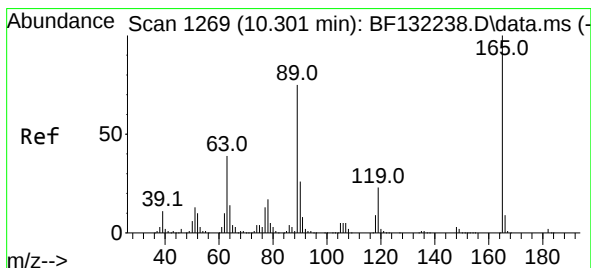
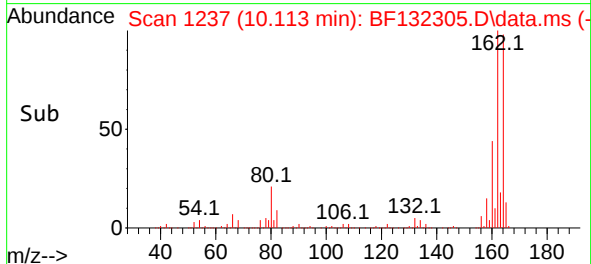
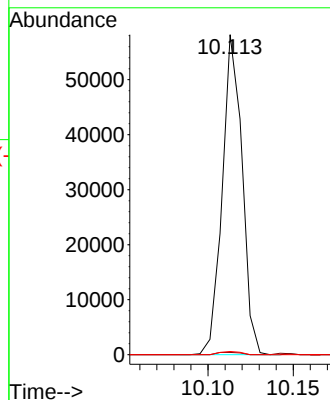
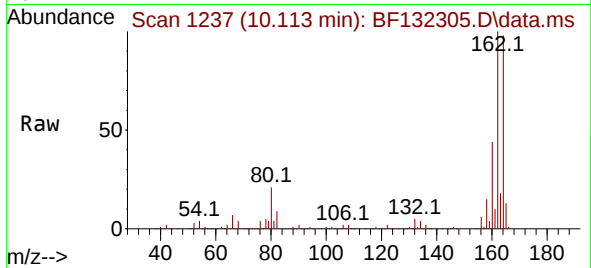




#51
2,6-Dinitrotoluene
Concen: 8.271 ng
RT: 10.113 min Scan# 1200
Delta R.T. 0.218 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

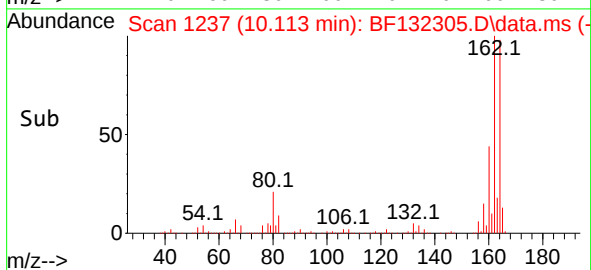
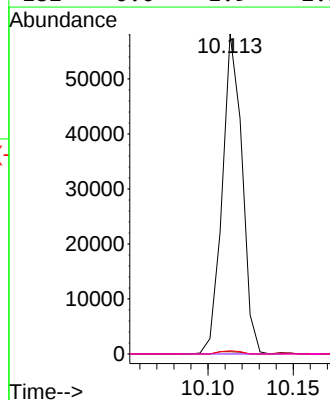
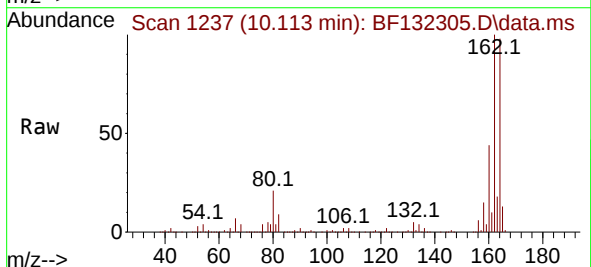
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

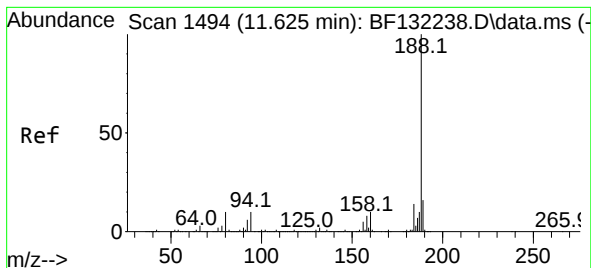
Tgt Ion:165 Resp: 47105
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.367 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.188 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Tgt Ion:165 Resp: 47105
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.0 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1492

Delta R.T. -0.012 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

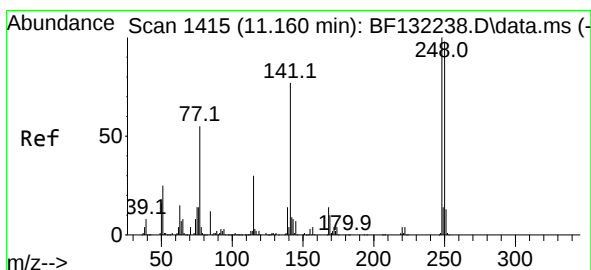
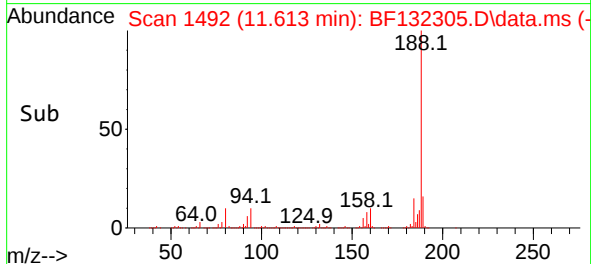
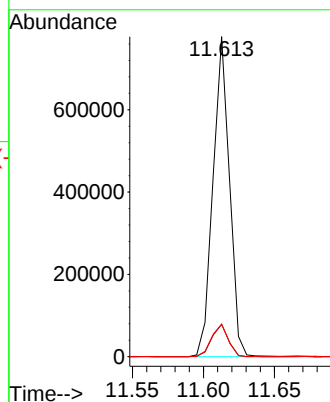
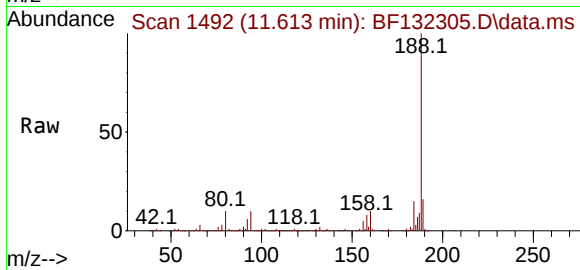
Tgt Ion:188 Resp: 626183

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.2 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 2.810 ng

RT: 10.907 min Scan# 1372

Delta R.T. -0.253 min

Lab File: BF132305.D

Acq: 02 Feb 2023 22:20

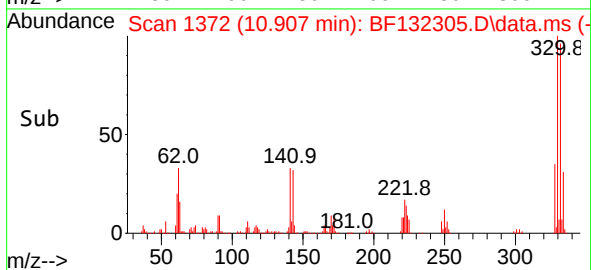
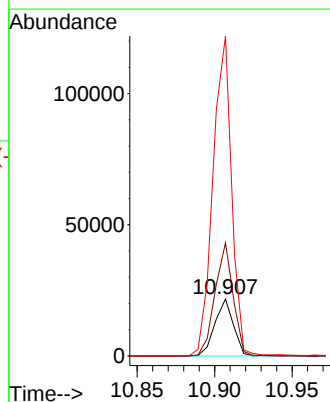
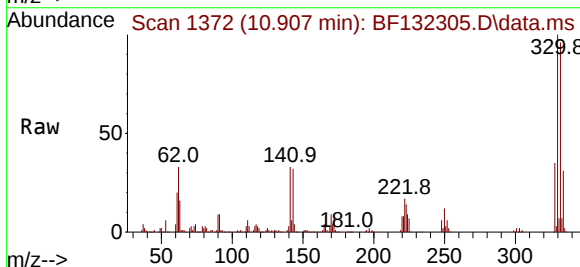
Tgt Ion:248 Resp: 18016

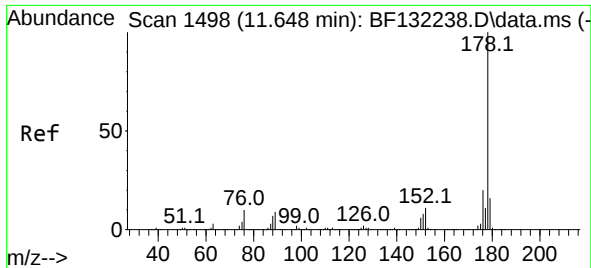
Ion Ratio Lower Upper

248 100

250 198.6 78.6 117.8#

141 561.7 61.6 92.4#

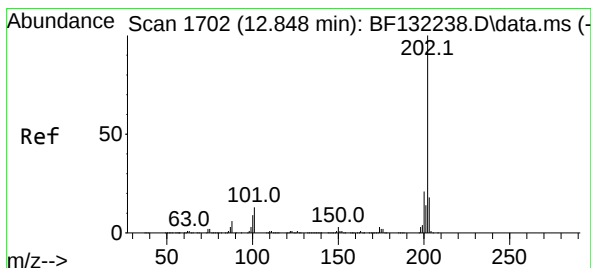
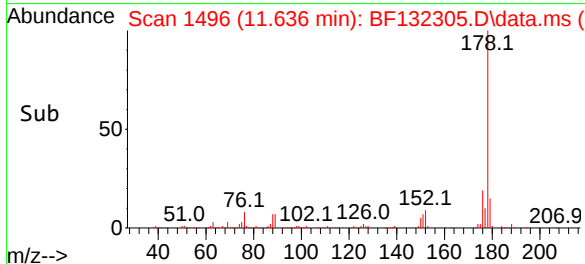
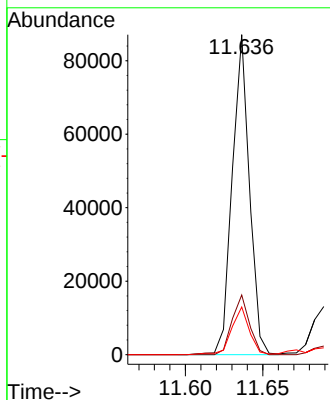
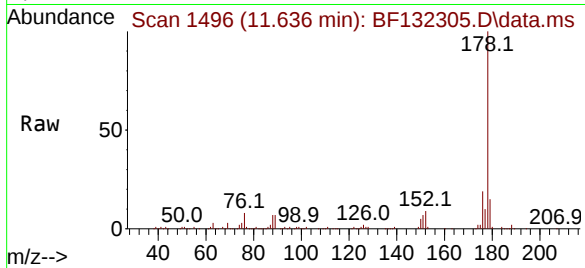




#71
Phenanthrene
Concen: 2.054 ng
RT: 11.636 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

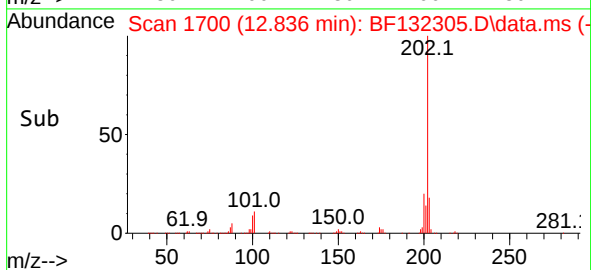
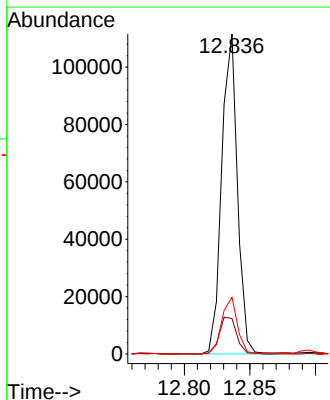
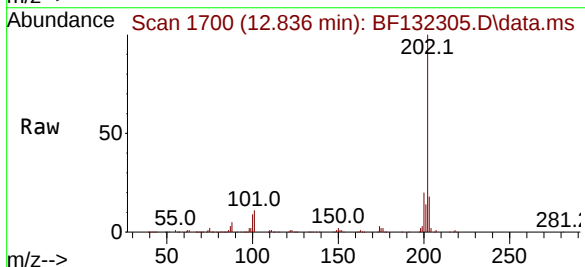
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

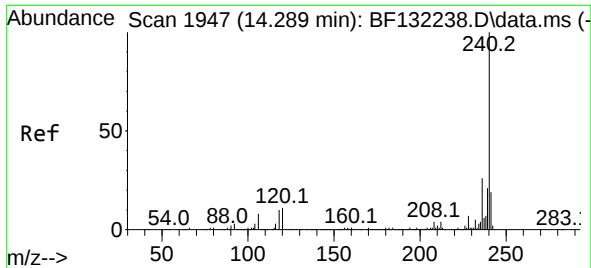
Tgt Ion:178 Resp: 67210
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.4
179 14.9 12.8 19.2



#75
Fluoranthene
Concen: 2.778 ng
RT: 12.836 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Tgt Ion:202 Resp: 92773
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.7
203 17.7 0.0 37.9

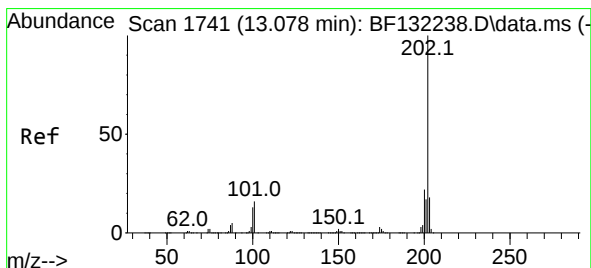
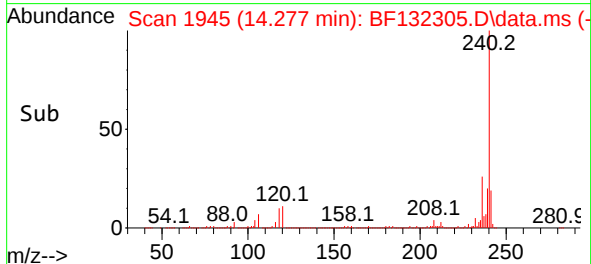
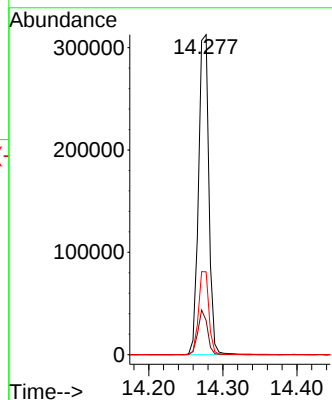
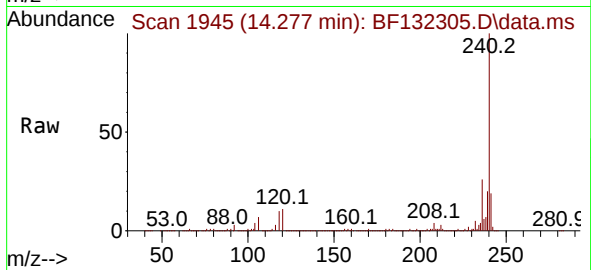




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

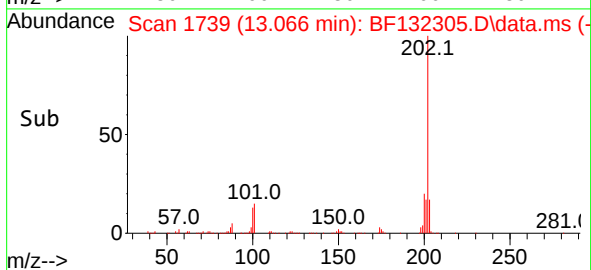
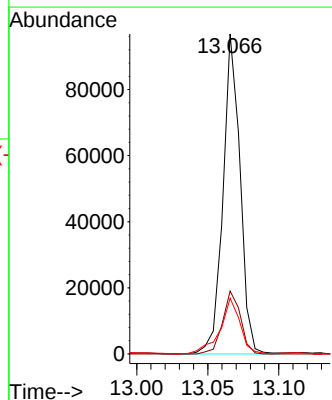
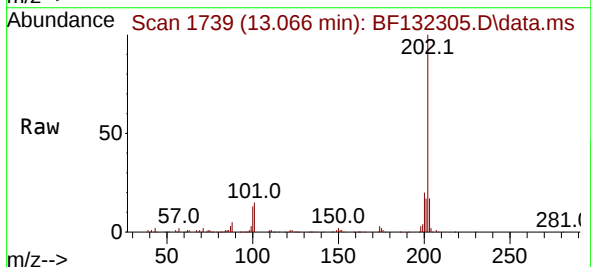
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

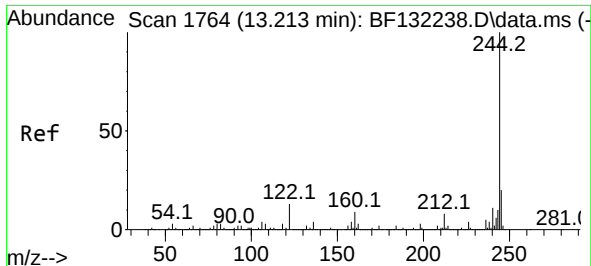
Tgt Ion:240 Resp: 302037
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.9 21.0 31.6



#78
Pyrene
Concen: 3.328 ng
RT: 13.066 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Tgt Ion:202 Resp: 80841
Ion Ratio Lower Upper
202 100
200 19.6 17.3 25.9
203 17.4 14.4 21.6

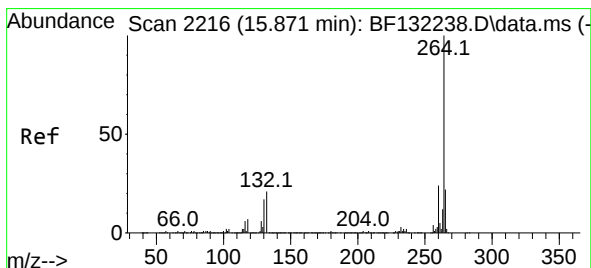
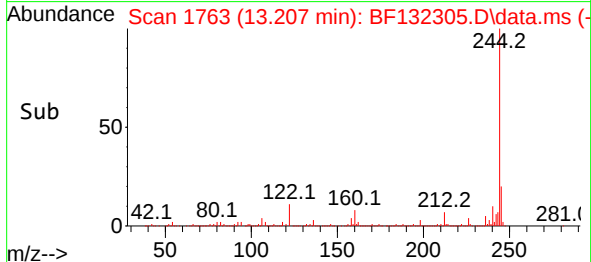
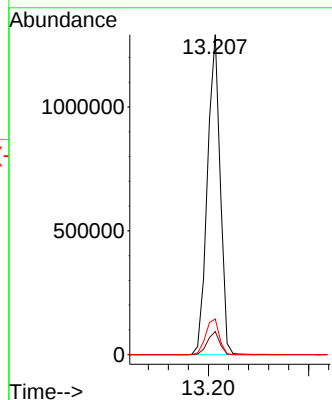
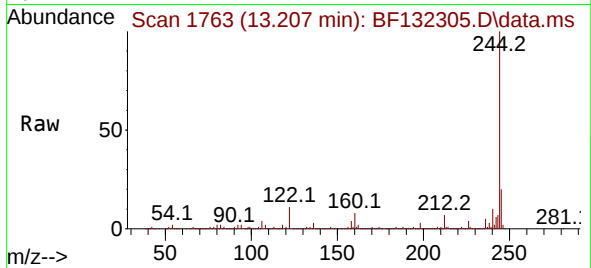




#79
 Terphenyl-d14
 Concen: 73.432 ng
 RT: 13.207 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132305.D
 Acq: 02 Feb 2023 22:20

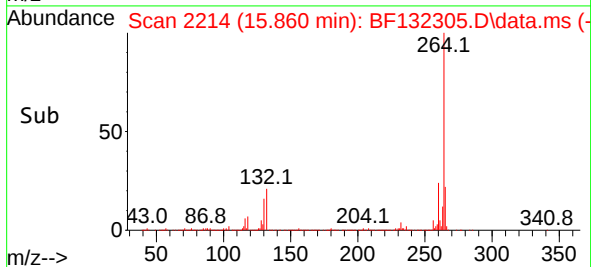
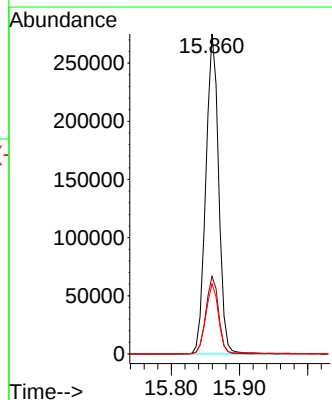
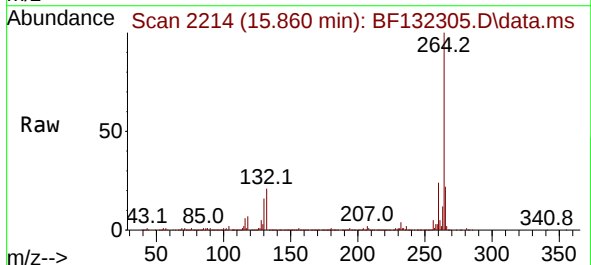
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

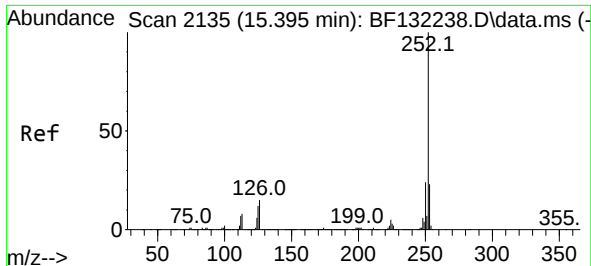
Tgt Ion:244 Resp: 1146554
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 11.1 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.860 min Scan# 2214
 Delta R.T. -0.012 min
 Lab File: BF132305.D
 Acq: 02 Feb 2023 22:20

Tgt Ion:264 Resp: 360328
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.9 17.4 26.2

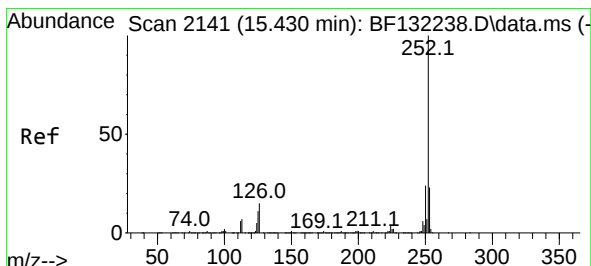
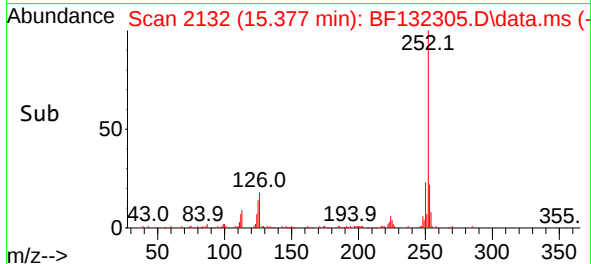
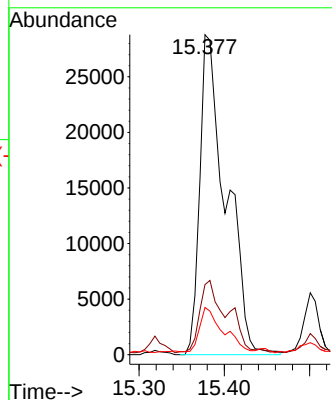
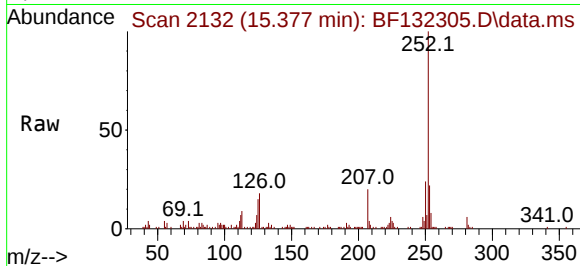




#88
Benzo(b)fluoranthene
Concen: 2.690 ng
RT: 15.377 min Scan# 2132
Delta R.T. -0.018 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Tgt Ion:252 Resp: 61602
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.8 9.6 14.4#



#89
Benzo(k)fluoranthene
Concen: 2.818 ng
RT: 15.377 min Scan# 2132
Delta R.T. -0.053 min
Lab File: BF132305.D
Acq: 02 Feb 2023 22:20

Tgt Ion:252 Resp: 61602
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 14.8 9.0 13.6#

